



3M Hearing Solutions

Small, Smart and Effective Hearing Protection

3M™ PELTOR™ Level Dependent Earplug, LEP-200 EU

The 3M™ PELTOR™ Level Dependent Earplug helps protect your hearing, and can help improve situational awareness and communications in challenging environments. Integrated with state-of-the-art level-dependent technology, the LEP-200 EU helps provide hearing protection in noise and situational awareness in quiet environments. Ear pieces also include a small antenna to allow audio signals to be received wirelessly from a neckloop accessory (accessory sold separately).

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Compact Hearing Protection for Improved Situational Awareness



The 3M™ PELTOR™ Level Dependent Earplug helps protect your hearing, and can help improve situational awareness and communications in challenging environments. Integrated with level dependent technology, the LEP-200 EU helps provide hearing protection in noise and situational awareness in quiet environments.

Communication

3M™ PELTOR™ level dependent technology helps provide hearing protection in noise and improves communication in quiet. Protecting hearing and improving situational awareness can help increase personal safety and can improve productivity.

Ear pieces also include a small antenna to allow audio signals to be received wirelessly from a neckloop accessory.

Compatibility

3M™ PELTOR™ Level Dependent Earplug is compatible with most headborne 3M™ Personal Protective Equipment (PPE) such as helmets, hard hats, and face shields.

Comfort

The small and lightweight design helps improve overall comfort and user experience.

3M™ PELTOR™ Level Dependent Earplug, LEP-200 EU Ordering Information

Product Number	3M ID Number	SAP ID Number	Product Description
LEP-200 EU	70071677002	7100141817	LEP-200 EU Level Dependent Earplug

Accessories and Earplug Tips

Product Number	3M ID Number	SAP ID Number	Product Description
TEP-CORD	70071673795	7100074090	Replacement Cord
LEP-200E	70071677044	7100141802	Replacement Earpiece
LEP-100C	70071650264	7100079510	Replacement Case
370-TEPL-25	70071673746	7100066388	UltraFit™ Communication Tips Replacement, Large
370-TEPM-25	70071673738	7100066387	UltraFit™ Communication Tips Replacement, Medium
370-TEPS-25	70071673720	7100066371	UltraFit™ Communication Tips Replacement, Small
CCC-GRM-25	70071675212	7100103087	Triple-C Communication Ear tips
PELTIPS-01	70071615275	7000108492	Torque Communication Eartips
TEP-WINDSCREEN	70071675907	7100113748	3M™ PELTOR™ Foam Windscreens for TEP-100
TEP-LOOP-200	70071677036	70071677036	3M™ PELTOR™ Neckloop, TEP-LOOP-200

Rechargeable

Charging contacts recharge the unit while in the case. Li-ion battery provides up to 16 hours of continuous operation.

Button

Intuitive one-button operation turns unit on, off, and selects volume settings. It also controls wireless capability. (3).

Hearing Protection

Replaceable communications eartip helps provide hearing protection in noisy environments. Multiple sizes and types designed to fit most ear canals.

Portable Charging Compartment

Up to 16 charges from 3 AA alkaline batteries. Includes charging status indicator.

Retention Cord Storage Posts

Provides convenient and tangle free storage for earplug cord.

Earplug Clips

Steel clips help secure earplugs in case.



Cord Connection

Attachment point for optional earplug cord (included).



IP54 Water and Dust Resistant

Innovative design helps protect microphone against water and dust ingress.

Design

Corner radius designed to help soften contact zone and increase comfort.

Microphone Port

Helps minimize wind noise. Additional windscreens also available.



Sealing Ring

Rubber sealing ring helps protect earplugs in wet and dirty environments.



Micro B USB Charging Port

USB port enables the charging of the earplugs when plugged into a computer or wall socket (cable not included).



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Technical Data Specifications

Model	
Microphone Type	Omni-directional
Earpiece Power / Electrical Characteristics	
Earpiece Battery Type	Lithium Ion
Earpiece Battery Life	Up to 16 Hours
Earpiece Battery Charge Time	Approximately 90 Minutes
Earpiece Volume Steps	Off, Low, Normal, High
Case Battery Type	3 AA Alkaline Batteries
Case Battery Life	Up to 16 Recharging Cycles
Case USB Type	Micro B
Standards	
Waterproof Rating	Earpiece and Case (with lid and USB port securely closed) are IP54 compliant.
SNR	Tested and approved in accordance with EN 352-2:2002, EN 352-7:2003, prEN352-9.
Physical Characteristics	
Case Size (L x W x H)	114.2 mm x 78.2 mm x 26.9 mm
Case Material	ABS
Earpiece Keypad	One button operation (On / Off / Mode Selection)
Case Keypad	One button operation (Charging Status)
RoHS Compliance	RoHS II
Weight: Box containing charger, 2 earpieces, 4 pair communications eartips, cord, 3 AA batteries	272 g
Weight: Charger with batteries, 2 earpieces, and cord	198 g
Weight: Charger	119 g
Weight: 1 earpiece	4 g
Environmental Characteristics	
Storage temp (complete kit)	-20 to +50°C
Earpiece Operating temp	-20 to +50°C
Charger Operating temp	0 to +50°C

Laboratory Attenuation

3M™ Ultrafit™ Eartips

Frequency (Hz)	125	250	500	1000	2000	4000	8000
Mean Attenuation (dB)	34,5	31,5	36,2	33,4	34,8	34,9	38,8
Standard deviation (dB)	6,0	5,4	5,6	4,3	3,8	5,0	4,0
Assumed Protection Value (dB)	28,5	26,1	30,6	29,1	31,0	29,9	34,8

SNR=32 dB H=31 dB M=30 dB L=29 dB

PELTIP5-01 / 3M™ Torque™ Eartips (not incl.)

Frequency (Hz)	125	250	500	1000	2000	4000	8000
Mean Attenuation (dB)	37,8	36,0	40,5	41,2	41,3	39,6	46,1
Standard deviation (dB)	4,3	5,5	4,2	4,7	3,2	4,3	3,6
Assumed Protection Value (dB)	33,5	30,5	36,3	36,5	38,0	35,3	42,5

SNR=38 dB H=37 dB M=36 dB L=34 dB

CCC-GRM-25 Eartips

Frequency (Hz)	125	250	500	1000	2000	4000	8000
Mean Attenuation (dB)	35,5	32,5	37,1	38,0	37,6	39,5	45,5
Standard deviation (dB)	4,5	4,0	4,4	3,7	2,9	4,6	4,2
Assumed Protection Value (dB)	30,9	28,4	32,7	34,3	34,6	34,9	41,3

SNR=36 dB H=35 dB M=34 dB L=32 dB

Warranty:

The warranty does not cover any damage caused by neglected maintenance or careless handling.
For more information on maintenance, please see the user instruction.
For complete warranty condition, contact your dealer or local 3M office

Important Notice

3M does not accept liability of any kind, be it direct or consequential (including, but not limited to, loss of profits, business and/or goodwill) arising from reliance upon any information herein provided by 3M.
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3M Personal Safety Division